

Message

From: PerezSullivan, Margot [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=6659D7F0435B465184ED9736F0FDBC7A-MPEREVSU]
Sent: 5/13/2021 4:08:11 PM
To: Poalinelli, Edwin [POALINELLI.EDWIN@EPA.GOV]
Subject: RE: Questions about TRW Microwave

Editing now...

Margot Perez-Sullivan
U.S. Environmental Protection Agency
D: 415.947.4149 C: 415.412.1115
E: perezsullivan.margot@epa.gov

From: Poalinelli, Edwin <POALINELLI.EDWIN@EPA.GOV>
Sent: Thursday, May 13, 2021 7:35 AM
To: PerezSullivan, Margot <PerezSullivan.Margot@epa.gov>
Subject: FW: Questions about TRW Microwave

Good Morning,

I am checking in to see if you have seen all the edits and if you think it is ready for my review. I was going to review it tomorrow and flip through it with Dana on Monday so we can get back with Ashley.

Thanks

Edwin "Chip" Poalinelli
Section Manager - California Site Cleanup Section I
Superfund and Emergency Management Division U.S. EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
415-972-3390
415-301-1573 (cell)
poalinelli.edwin@epa.gov

From: Schulman, Michael <Schulman.Michael@epa.gov>
Sent: Wednesday, May 12, 2021 3:53 PM
To: Poalinelli, Edwin <POALINELLI.EDWIN@EPA.GOV>; Ty, Fatima <Ty.Fatima@epa.gov>; PerezSullivan, Margot <PerezSullivan.Margot@epa.gov>
Subject: RE: Questions about TRW Microwave

Ok, attached is my feedback. Not sure if we want to send word-for-word, but it should be easier to pare down or to use as a framework for more in depth replies or conversation.

From: Poalinelli, Edwin <POALINELLI.EDWIN@EPA.GOV>
Sent: Tuesday, May 11, 2021 10:11 AM

To: Ty, Fatima <Ty.Fatima@epa.gov>; Schulman, Michael <Schulman.Michael@epa.gov>; PerezSullivan, Margot <PerezSullivan.Margot@epa.gov>

Subject: RE: Questions about TRW Microwave

Thanks,

I will hold on my review until comments are incorporated and then discuss the response with Dana.

Edwin "Chip" Poalinelli

Section Manager - California Site Cleanup Section I
Superfund and Emergency Management Division U.S. EPA Region 9
75 Hawthorne Street
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From: Ty, Fatima <Ty.Fatima@epa.gov>

Sent: Tuesday, May 11, 2021 8:55 AM

To: Schulman, Michael <Schulman.Michael@epa.gov>; PerezSullivan, Margot <PerezSullivan.Margot@epa.gov>; Poalinelli, Edwin <POALINELLI.EDWIN@EPA.GOV>

Subject: RE: Questions about TRW Microwave

Hi – I made a few edits to #2 and commented on #3. I held back from making any suggestions to #1 because it sounds like there is some editing to do. I can take a look when it's pared down.

Fatima Ty

(415) 972-3550

From: Schulman, Michael <Schulman.Michael@epa.gov>

Sent: Monday, May 10, 2021 7:01 PM

To: PerezSullivan, Margot <PerezSullivan.Margot@epa.gov>; Ty, Fatima <Ty.Fatima@epa.gov>; Poalinelli, Edwin <POALINELLI.EDWIN@EPA.GOV>

Subject: RE: Questions about TRW Microwave

Hi Margot,

I added some text, but a lot of what I added are effectively my notes so I understand the site history better. I'd need to revise, pare down, and merge w/what you've written. But, I'd say it is close. I also realized that we have not folded in community involvement / CIC Angie Fuoco. Do you want to see if Angie can review? Or do you think it's close enough for us to finish?

Michael

From: PerezSullivan, Margot <PerezSullivan.Margot@epa.gov>

Sent: Friday, April 30, 2021 4:36 PM

To: Ty, Fatima <Ty.Fatima@epa.gov>; Schulman, Michael <Schulman.Michael@epa.gov>; Poalinelli, Edwin

<POALINELLI.EDWIN@EPA.GOV>

Subject: FW: Questions about TRW Microwave

Looks like I'm too late – here are the questions!

Margot Perez-Sullivan
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From: Ashley Gjovik <ashleygjovik@icloud.com>
Sent: Friday, April 30, 2021 4:29 PM
To: PerezSullivan, Margot <PerezSullivan.Margot@epa.gov>
Subject: Re: Questions about TRW Microwave

Hi Margot,

As discussed, my questions relate to testing, communication, and monitoring/response. I'm already talking to Apple's Env Health & Safety team to hear their side of things — but I'm interested in hearing the EPA's perspective on these topics. I'd like to understand what y'all's expectations are. I understand it will be much high level policy and may be entirely inline with what Apple is already saying — but it'd like to be able to compare/contrast. If the EPA doesn't have their own guidance on items below, that's fine, just let me know.

1) Testing:

Background: First, from what I've learned from Apple — it sounds like there hasn't been any indoor air testing (sub slab or indoor air) since 2015. (They are currently planning to do testing this year, though they didn't fully explain why they decided to start testing this year after six years). I reviewed the indoor air reports from 2003, 2004, 2013, & 2015. It appears there is a long history of indoor air measurements with chemicals of concern above max industrial risk levels. My desk looks to be in a bit of a hot spot too. In 2015, there was some testing done (May & Dec it appears) but instead of 24/48hr — they did 10hr, at least for Dec. I'm still waiting to see the details of the May testing. And at least in Dec 2015, it appears they weren't able to fully shut off the HVAC either. And the Dec results came back with high levels of Ethylbenzene and Toluene that were suspected to be resulted to the construction, but does not appear to have been verified by an additional test later. It also appears that the building was vacant until Apple moved my team in there in 2015-ish.

Question: I am curious what the EPA's expectations are for the frequency (how often) & duration (how long/intensive) of indoor air testing in a building like TRW Microwave. Did you approve that they could stop doing indoor air testing after 2015 — or is it up to the responsible party to decide? Are Ethylbenzene and Toluene CoCs for the great Triple Site plume — could they be migrating?

2) Communication:

Background: Next, from what Apple has told me, they said they decided internally that they have no legal obligation to have to inform employees about the status of these buildings related to chemicals in the soil or groundwater, or Superfund status, etc. I pressed further if there's an ethical obligation and they said that would be a "bigger conversation." It sounds like they think they only have to inform employees if there's a concrete and immediate risk to employee health (which I argued... how would they know that if they're not testing?... no answer). I'm also feeling pressure to not talk to co-workers about any of this either (from my direct manager and our employee relations teams).

Question: I am curious what the EPA's expectations are for responsible parties related to informing workers in these buildings about the chemicals, the gov status, etc. Maybe this is more OSHA & "Right to Know" — but any guidance you can provide here would be helpful. Also anything about workers rights to be able to talk about these sites. I would also appreciate any guidance you have about learning more about possible chemical exposure from this site from an unbiased party. I talked to Dr. Robert Harrison about it yesterday for a bit, but he says we don't have enough data because no one was testing while I was there. I was also going to see if Tracy Barreau and Dr. Prudhomme would take a look informally. Let me know if you know of anyone else who might have thoughts.

3) Monitoring:

Background: Further, because none of us know this is a Superfund site — we don't know not to mess with sub slab vent covers, or to not mess with the HVAC, or to report if there's any usual smells etc. I brought this up with him and he'd said he'd back to me a couple weeks ago — but said that the Env Health Safety team does know and does visit the site. I communicated that does not seem sufficient. In fact, with the wild fire smoke last year, we had EHS turn off the HVAC so outdoor air wasn't being brought in — from what I've seen, it doesn't seem like the vapor intrusion mitigation system was ever considered when they did turn it off. I believe it was off for a week or two. I brought this up too - and he hasn't gotten back to me either. I know I've seen people kicking at those SS-V plugs not knowing what they are too.

Question: Similar question as #2, but I'm curious what the EPA's expectations are for responsible parties (and companies they may lease to) to communicate to workers in these buildings about how to monitor for their issues (weird smells, weird health issues, etc) or how to report trouble or what not to mess with (plugs, HVAC, etc). Etc.

These are my best attempt at mapping results.... But take with a grain of salt... I only play an industrial hygienist on TV. J/k. But seriously, also mapped where I fainted in 2019. Our HR team pushed me to file a workers comp claim about it and the workers comp administrator wanted to call it "continuous trauma" for my time working in at least that building. (Apple had plenty other Superfunds and chemical release sites I visited too). I'm not sure where this will go though... If Apple wasn't testing the indoor air, it seems impossible to know if there were problematic chemicals in the air or not when it happened.

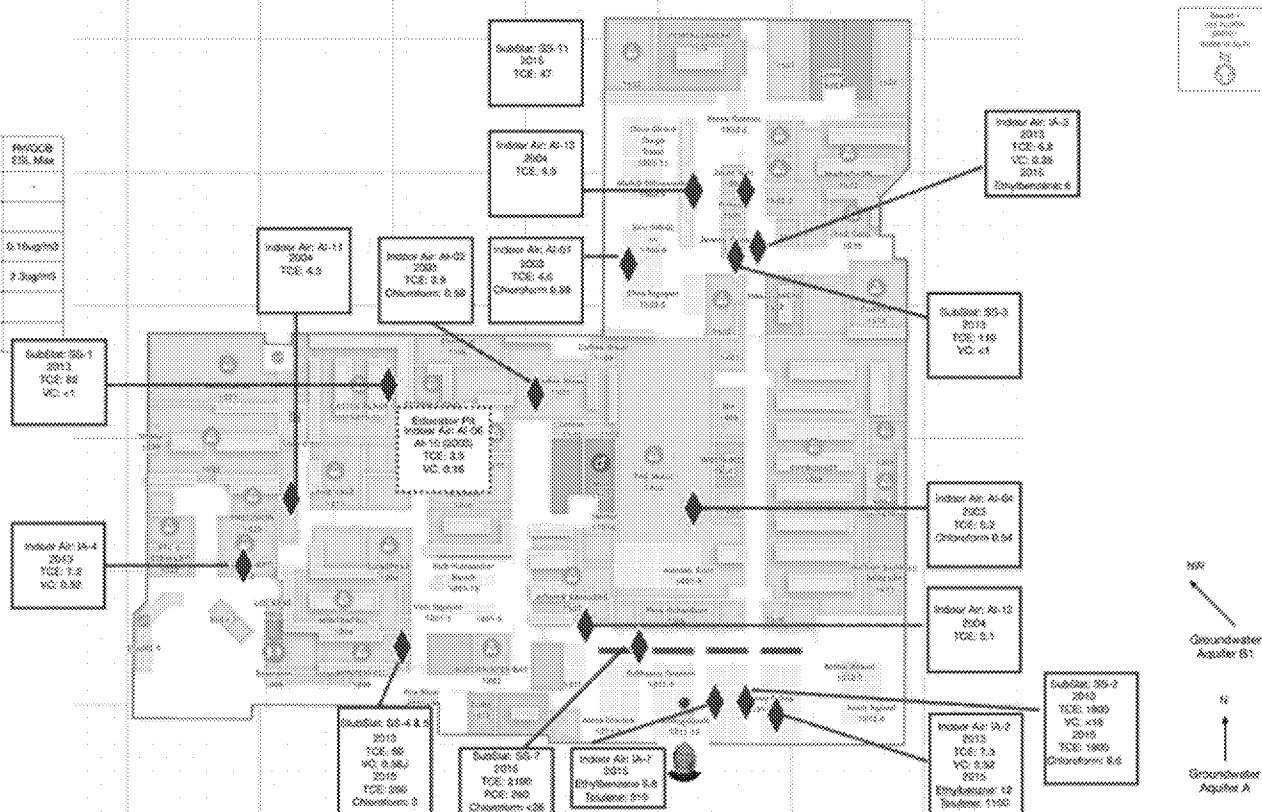
I did have more fainting in the office in 2020, but it was while this was going on too: <https://sfbayview.com/2021/03/i-thought-i-was-dying-my-apartment-was-built-on-toxic-waste/>

So I just assumed the fainting in 2020 was carry over from the apartment I moved into Feb 2020. I haven't been back to the office since last year. I've been fine since I moved out of that apartment in Sept 2020 (and haven't been back to the office either).

Anyhow, FYI.

Chemical	BRN Industrial Solv.	Perfected ESE, Mass
TECE	3ug/m ³	-
PCE	47ug/m ³	-
Vinyl Chloride	2.8ug/m ³	0.19ug/m ³
Chloroform	0.80ug/m ³	2.3ug/m ³
Ethylbenzene	4.3ug/m ³	-
Toluene	?	-

Chemical	BRN Industrial Solv.	PerfCoil BSE, Mass
TECE	3ug/m ³	-
PCE	47ug/m ³	-
Vinyl Chloride	2.8ug/m ³	0.19ug/m ³
Chloroform	0.80ug/m ³	2.3ug/m ³
EthylBenzene	4.3ug/m ³	-
Toluene	?	-



On Apr 29, 2021, at 10:03 AM, PerezSullivan, Margot <PerezSullivan.Margot@epa.gov> wrote:

Ashley, I have not forgotten about you – I got slammed yesterday afternoon. I will be writing them up and sending them on to ensure I captured all of the items for which you are seeking information. I appreciate your time!

Margot Perez-Sullivan
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From: PerezSullivan, Margot
Sent: Monday, April 26, 2021 10:57 AM
To: ashleygjovik@icloud.com
Subject: Questions about TRW Microwave

Hi Ashley,
Michael forwarded your note and asked that I follow up with you. Please let me know a good time to chat so I can better understand your questions. I will be out of the office tomorrow, but am working the rest of the week. Many thanks!
Margot

Margot Perez-Sullivan
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